15 JULY 00

MATS ISSUES AND DISCUSSION

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Topics

- MATS I Version 4.4
- MATS/TSAMS-E
- ALL TADSS ON MATS I SYSTEMS
- MATS I and the CLS
- The MATS WEB Page
- MATS II ADAMS Reports Availability
- JANUS 2020 Scanner Issues

MATS I version 4.4

- Fielding planned for July 00.
- Fielding will be electronically via e-mail.
- The installation program will upgrade from versions or 4.03 ONLY. Versions older than 4.02(Y2K) are not Y2K compliant and will not be supported. The release also support initial installation of MATS I at sites.

Changes and Enhancements

- FDCC – When issuing pre-configured end-items the has the option of printing a single line for quantity items, or a line for each item.

MATS I version 4.4 (cont.)

- FDCC - Issue and Turn-in capabilities from the keybo
  returned to selection "B" in the Management Module

- User Requested – Totals by part number have been ac
  return receipt using the same logic and format as the
  receipt.

- User Requested/CA – Transaction numbers have been
  inventory actions, Issues, turn-ins, receipts, and trans
  versions had transaction numbers for issues only.

MATS I version 4.4 (cont.)

- CA – A workload data collection and retrieval capabil
  has been added to support CA analysis requirements.

- User Requested – A history and retrieval capability of
  has been added to the MATS I.

- MATS Mgr – Summary data collection for MATS II inp
  has been expanded to include workload data.

- MATS Mgr - The capability of producing reports in AS
  format, for electronic transmission, has been added to
  modified system outputs.

MATS I version 4.4 (cont.)

- MATS Mgr – Version 4.4 contains the advanced databa
  structures to support full network operations at multij
  Upon beta testing and fielding 4.4 work will resume o
  version 5.0. 5.0 will contain ONLY those enhancement
  for the network environment.

- Fort Richardson – The capability of converting specific
  serial number to quantity tracking without operationa

MATS/TSAMS-E - Background

- In the summer of 1999 the ATSC commander contrac
  Digicon corp. for a Front End Analysis (FEA) of the M
  TSAMS-E systems. The purpose of the FEA was to ans
  questions.

  1. Does either MATS or TSAMS-E meet Army Twen
     Technical Architecture (ATTA). The ATTA has si
     renamed to Army Training Information Architec
     (ATIA)

  2. Should the functionally of the two system be me

MATS/TSAMS-E - Background (cont.)

The findings were that neither the MATS or TSAMS-E
ATIA interoperability requirements and would have to
re-engineered. In addition, on 25 Oct. 99 the ATSC co
made the decision that the functionally of the two sys
combined into a single re-engineered system that mee
requirements and contained all the functionally of the
MATS I, II, and TSAMS-E systems. However, to date n
has been identified for this effort in FY 00, or 01.

MATS/TSAMS-E - Status

The FEA estimated a 32 man-month effort for accomp
The re-engineering effort at a cost of 327K. Mr. Crawf
ATIC-TMSM-V, submitted an updated estimate of 464K
re-engineering.

MATS/TSAMS-E - Reality

- If resources were received today we are about three y
  re-engineered system being fielded armywide.

- There has been no change in the policies as stated in
  directing the use of the MATS for inventory manageme
  ALL TADSS.

- To my knowledge there has been no change in ODCS4
  to use TSAMS-E for work order management and VI e

To summarize, This office, TSMD-V, FORSCOM, ODCS4
all others are giving our best efforts to plan for the futu
Concurrently enhancing the systems we have today to b
serve the Training community.

ALL TADSS ON MATS
The Problem

- In CY 99 upgraded scanner equipment and software provided to the Training community to expand the M sites to include ALL TADSS.

- On 1 Oct 99 the ADAMS ceased to exist. This was a effort that the training community was aware of.

- A comparison of the last produced ADAMS and the current MATS II ADAMS reports reveals that 37.1 % TADDS are being reported. We MUST do a lot better to support the training community and the army as a

ALL TADSS ON MATS
The Solutions

Long Term – Install the MATS I at all TADSS issue sites.
is the ultimate objective for which hardware and softwa
been provided. It provides full usage, inventory, and wo
Data collection capabilities. However it also requires si
Time and effort at the larger sites. As we start the sum
Period this may not be possible at all sites. In addition a
Number of the non-MILES sites require assistance, init
training.

ALL TADSS ON MATS
The Solutions (cont.)

Short Term – Add ALL TADSS to the MILES MATS I systems
at the DVC level. This solution will not provide full MATS
Data collection, but will restore all the capabilities of ADAMS
Until MATS I is installed at the non-MILES sites. Advantages to
this solution include.

1. The required assets, (menu boards, DVC/Parts tables, label
making capabilities), have already been provided

MATS I and the CLS

It has been said that the MATS I can not be used with th
CLS contract. This is not true. However, due to the CLS
permitting "like item replacement" without identifying w
replacing what, a change in procedures is required at so
These changes apply to serial number tracked items ON

• Serial numbered items require "transferring" to the CI
"issuing".

• "Like items" received from the CLS contractor must be
The MATS I as "new receipts".

This does add to the work at the MATS I sites, but that is
 to terms of the contract.

MATS I and the CLS (cont.)

Because of the terms of the new CLS contract some sites have, or plan to, convert some or all items from serial number to quantity
Tracking. Because of this an urgent capability was programmed into version 4.03M and 4.4. This capability enables sites to make the conversion for specified items with little or no impact on operations.

The MATS I WEB Page

The MATS I home page has not been updated in some ti
Of a shortage of funds to support the contractor effort.
 has been solved with the assignment of Maj. Hale as th
WEB site Manager.

MATS II ADAMS reports availability

The capability of producing ADAMS reports by device o
Been added to the MATS II software on the ATSCNET a
ATSC MATS II systems. The objective is to provide acce
MACOMS and TSCs from their locations. However secu
requirements and policies prevent this at this time. The
provides for the output of the reports in display, hard-co
Text format. For now we can create requested reports in
And send them electronically via email. The reports are
8.5 X 11 inch paper and can be viewed or printed by an
Processor or text editor.

Janus 2020 Scanner Issues

• Read errors – Recent reports from the field indicate th
Scanners are more prone to bar code read errors than t
Readers used with the Intermec 9440 units. This is a re
couple of months, development and is being researched
and solutions.

• Programming in a Windows NT environment – Loading
MATS I scanner software to the 2020s has been a proble
sites. Once the scanners are loaded with the software th
Data upload software performs as designed. This proble
Of the IRL software design and Windows NT requiring a
Driver for the docking station.

Janus 2020 Scanner Issues (cont.)

- Programming in a Windows NT environment (cont.) –
most common solutions are listed below.

1. Boot the computer using dual boot capabilities of NT
   DOS mode.

2. Load the scanners using a PCMCIA SRAM card vice t
   docking station.

3. If a Windows 95/98 system is available use it to progr
   scanners. This is an infrequent operation and should
   minimum impact.